

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Henryk LUBON *et al.*)
Serial No.: 08/982,284) Group Art Unit: 1632
Filed: December 21, 1997) Examiner: K. Hauda
For: METHODS FOR THE DEGRADATION AND DETOXIFICATION OF ORGANIC
MATERIAL USING URINE PRODUCED BY TRANSGENIC ANIMALS AND
RELATED TRANSGENIC ANIMALS AND PROTEINS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-captioned application. The fees have been calculated as shown below. (*Small entity fees indicated in parentheses.*)

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Attorney Docket No. 30523/0141

A check in the amount of the above Total Fee is attached. This amount is believed to be correct; however, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 19-0741.

Respectfully submitted,

July 14, 1999
Date

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Attorney Docket No. 030523/0141

In re patent application of:

Henryk LUBON, *et al.*

Serial No. 08/982,284

Group Art Unit:1632

Examiner: K. Hauda

Filed: December 21, 1997

For: Methods For The Degradation And Detoxification Of Organic Material Using Urine
Produced By Transgenic Animals And Related Transgenic Animals And Proteins

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination on the merits, applicants respectfully request that the following
amendment be entered:

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IN THE CLAIMS:

Please add the following new claims:

--45. A method of producing a protein in urine of a non-human transgenic animal comprising:

(a) providing a non-human transgenic animal having stably integrated into its genome an exogenous gene construct comprising 5' expression regulatory sequences, including a kidney-specific promoter operably linked to an exogenous gene encoding said protein;

(b) allowing said exogenous gene encoding said protein to be expressed and said protein to be secreted into the urine of said transgenic animal; and

(c) collecting urine containing said protein from said animal.

46. The method of claim 45, further comprising:

(d) separating said protein from said urine.